

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Kenneth W. Dobie : Art Unit: Not yet assigned
Serial No.: Not yet assigned : Examiner: Not Yet Assigned
Filed: Concurrently herewith :
For: ANTISENSE MODULATION OF :
BETA-SITE APP-CLEAVING
ENZYME 2 EXPRESSION

INFORMATION DISCLOSURE STATEMENT

EXPRESS MAIL LABEL NO: EV147553659US
DATE OF DEPOSIT: September 16, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

S I R :

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO-1449 form submitted herewith.

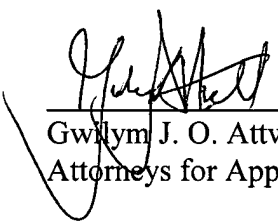
Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

Copies of the references cited on the attached PTO-1449 form can be found in the parent case, U.S. Serial No. 10/163,272, filed June 4, 2002.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or certification is required. 37 C.F.R. § 1.97(b).

Respectfully submitted,



Gwilym J. O. Attwell
Attorneys for Applicant

Enclosures:
PTO-1449

Dated: September 16, 2003

Cozen O'Connor
1900 Market Street
Philadelphia, PA 19103
Tel: 215-665-2000

ISIS0044-101 (RTS-0378.C1)

Form PTO-1449 Modified		Docket No. RTS-0378 C1	Serial No. not yet assigned
List of Patents and Publications Cited by Application (Use several sheets if necessary)		Applicant Kenneth W. Dobie et al.	
		Filing Date herewith	Group
U.S. Department of Commerce Patent and Trademark Office			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AA	Acquati et al., The gene encoding DRAP (BACE2), a glycosylated transmembrane protein of the aspartic protease family, maps to the down critical region, <i>FEBS Lett.</i> , 2000, 468:59-64	
	AB	Bennett et al., Expression analysis of BACE2 in brain and peripheral tissues, <i>J. Biol. Chem.</i> , 2000, 275:20647-20651.	
	AC	Dingwall, Spotlight on BACE: the secretases as targets for treatment in Alzheimer disease, <i>J. Clin. Invest.</i> , 2001, 108:1243-1246	
	AD	Farzan et al., BACE2, a beta -secretase homolog, cleaves at the beta site and within the amyloid-beta region of the amyloid-beta precursor protein, <i>Proc. Natl. Acad. Sci. U. S. A.</i> , 2000, 97:9712-9717	
	AE	Hussain et al., ASP1 (BACE2) cleaves the amyloid precursor protein at the beta-secretase site, <i>Mol. Cell. Neurosci.</i> , 2000, 16:609-619	
	AF	Saunders et al., BACE2, a Homolog of BACE, in the Down Syndrome Region of Chromosome 21, <i>Science</i> , 1999, 286:1255	
	AG	Solans et al., A new aspartyl protease on 21q22.3, BACE2, is highly similar to Alzheimer's amyloid precursor protein beta-secretase, <i>Cytogenet. Cell Genet.</i> , 2000, 89:177-184	
	AH	Thorsett et al., Therapeutic approaches to Alzheimer's disease, <i>Curr. Opin. Chem. Biol.</i> , 2000, 4:377-382	
	AI	Vattemi et al., Presence of BACE1 and BACE2 in muscle fibres of patients with sporadic inclusion-body myositis, <i>Lancet</i> , 2001, 358:1962-1964	
	AJ	Xin et al., Identification of a novel aspartic-like protease differentially expressed in human breast cancer cell lines, <i>Biochim. Biophys. Acta</i> , 2000, 1501:125-137	
	AK	Yan et al., Membrane-anchored aspartyl protease with Alzheimer's disease beta-secretase activity, <i>Nature</i> , 1999, 402:533-537	
EXAMINER		DATE CONSIDERED	

ISIS0044-101 (RTS-0378.C1)

Form PTO-1449 Modified		Docket No. RTS-0378 C1	Serial No. not yet assigned
List of Patents and Publications Cited by Application (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Applicant Kenneth W. Dobie et al.	
		Filing Date herewith	Group
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
	AL	Yan et al., BACE2 functions as an alternative alpha-secretase in cells, J. Biol. Chem., 2001, 276:34019-34027	
EXAMINER		DATE CONSIDERED	

ISIS0044-101 (RTS-0378.C1)

Form PTO-1449 Modified		Docket No. RTS-0378 C1		Serial No.		
List of Patents and Publications Cited by Application (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Applicant Kenneth W. Dobie et al.				
		Filing Date		Group		
U.S. PATENT DOCUMENTS						
Examiner's Initial		Document No.	Date	Name	Class	Subclass
	AA	6,025,180	02-15-2000	Powell et al.	435	219
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					
FOREIGN PATENT DOCUMENTS						
Examiner's Initial		Document No.	Date	Country	Translation YES NO	
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					
	AW					
	AX					
EXAMINER			DATE CONSIDERED			